

Application No.: 09/923,803

Docket No.: 4468-021

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph on page 3, beginning at line 14 as follows:

According to an aspect of the present invention ~~as described in claim 1~~, a physical quantity display device for displaying physical quantity of multiple signals in every predetermined channel while demodulating signals onto which channels with different spreading code lengths are multiplexed, includes: a channel storage unit for storing therein both display object channels to be displayed and the spreading code length of the display object channels; a physical quantity calculation unit for calculating physical quantity of the display object channels; and a physical quantity display unit for displaying the physical quantity of the display object channels.

Please amend the paragraph on page 4, beginning at line 8 as follows:

~~The~~ According to an aspect of the present invention, ~~as described in claim 2, is a physical quantity display device for displaying physical quantity of multiple signals according to claim 1, wherein~~ Walsh Function is used as the spreading code, and length of the Walsh Function is the spreading code length.

Please amend the paragraph on page 4, beginning at line 12 as follows:

~~The~~ According to an aspect of the present invention, ~~as described in claim 3, is a physical quantity display device for displaying physical quantity of multiple signals according to claim 1, wherein~~ the physical quantity display unit displays physical quantity of the display object channels while arranging the display object channels in turn on the same axis.

Please amend the paragraph on page 4, beginning at line 17 as follows:

~~The~~ According to an aspect of the present invention, ~~as described in claim 4, is a physical quantity display device for displaying physical quantity of multiple signals described in claim 1, wherein~~ the physical quantity display unit displays physical quantity while adding inherent

Application No.: 09/923,803**Docket No.: 4468-021**

designation to the display object channels.

Please amend the paragraph on page 4, beginning at line 21 as follows:

~~The According to an aspect of the present invention, as described in claim 5, is a physical quantity display device for displaying physical quantity of multiple signals described in claim 1, wherein the physical quantity is quantity derived from the power.~~

Please amend the paragraph on page 5, beginning at line 1 as follows:

According to an aspect of the present invention, ~~the as described in claim 6,~~ a physical quantity display device ~~for displaying physical quantity of multiple signals described in claim 1,~~ further includes: a channel selection unit for selecting any one of the display object channels; and a different kind physical quantity display unit for displaying different kind physical quantity, which is different kind from the physical quantity, of the selected display object channel at different area within a screen on which the physical quantity of the display object channels is displayed.

Please amend the paragraph on page 5, beginning at line 17 as follows:

~~The According to an aspect of the present invention, as described in claim 7, is a physical quantity display device for displaying physical quantity of multiple signals according to claim 6, wherein the physical quantity is quantity derived from the power, and the different kind physical quantity is either an error or demodulation data.~~

Please amend the paragraph on page 5, beginning at line 21 as follows:

According to an aspect of the present invention, ~~the as described in claim 8,~~ a physical quantity display device ~~for displaying physical quantity of multiple signals described in claim 1,~~ further includes a Threshold Level comparison unit for judging size relationship between the physical quantity and predetermined Threshold Level, wherein the physical quantity display unit displays the physical quantity of the display object channels while changing display condition in

Application No.: 09/923,803**Docket No.: 4468-021**

accordance with the size relationship between the physical quantity and the Threshold Level.

Please amend the paragraph on page 6, beginning at line 11 as follows:

According to an aspect of the present invention ~~as described in claim 9~~, a physical quantity display method for displaying physical quantity of multiple signals in every predetermined channel while demodulating signals onto which channels with different spreading code lengths are multiplexed, includes: a channel storage step for storing therein both display object channels to be displayed and the spreading code length of the display object channels; a physical quantity calculation step for calculating physical quantity of the display object channels; and a physical quantity display step for displaying the physical quantity of the display object channels.

Please amend the paragraph on page 6, beginning at line 20 as follows:

~~The~~ According to an aspect of the present invention, provided as described in claim 10, is a computer-readable medium having a program of instructions for execution by the computer to perform a physical quantity display process for displaying physical quantity of multiple signals in every predetermined channel while demodulating signals onto which channels with different spreading code lengths are multiplexed, the physical quantity display process including: a channel storage processing for storing therein both display object channels to be displayed and the spreading code length of the display object channels; a physical quantity calculation processing for calculating physical quantity of the display object channels; and a physical quantity display processing for displaying the physical quantity of the display object channels.

Abstract:

Please delete the current Abstract and replace the same with the following replacement/new Abstract.